

ABSTRACT OF THE DISCLOSURE

A cathode ray tube includes a panel on which a phosphor screen is formed, a cylindrical neck in which an electron gun assembly is arranged, and a funnel formed between the panel and the neck. The funnel has a substantially rectangular cone portion on which a deflection yoke is mounted. An anode button is provided on the funnel to supply a high voltage in the funnel, and an inner graphite layer is disposed on an inner surface of the funnel to form a path for the transmission of the high voltage. The inner graphite layer satisfies at least one of the following conditions on an inner surface of the cone portion:

$$0.9 \leq T_d / T_h \leq 1.36$$

$$0.9 \leq T_d / T_v \leq 1.36$$

where T_d is a thickness of the inner graphite layer disposed on inside corners of the cone portion, T_h is a thickness of the inner graphite layer disposed on inside horizontal walls of the cone portion, and T_v is a thickness of the inner graphite layer disposed on inside vertical walls of the cone portion.